

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0009	Overall LMA Rating	Total LMA Miles						
Lake County Watershed Protection District	A	10.47						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.22		0.22	2.10%	0.05			
Trim / Thin Trees	0.34		0.34	3.25%				
Encroachments	0.01		0.01	0.10%	0.12	0.05		
Slope Stability	0.05		0.05	0.48%				
<i>LMA Totals:</i>	0.62	0.00	0.62	5.92%	0.17	0.05	0.00	0.00
Unit No. 01 Middle Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	A	3.42						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.12		0.12	3.51%	0.05			
Trim / Thin Trees	0.05		0.05	1.46%				
Encroachments					0.05			
Slope Stability	0.04		0.04	1.17%				
<i>Unit Totals:</i>	0.21	0.00	0.21	6.14%	0.10	0.00	0.00	0.00
Unit No. 02 Middle Creek RB	Overall Unit Rating	Total Unit Miles						
NA0009	A	3.13						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.01		0.01	0.32%				
Trim / Thin Trees	0.16		0.16	5.11%				
Encroachments	0.01		0.01	0.32%	0.01	0.05		
Slope Stability	0.01		0.01	0.32%				
<i>Unit Totals:</i>	0.19	0.00	0.19	6.07%	0.01	0.05	0.00	0.00
Unit No. 03 Scotts Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	A	1.35						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 Poge, Alley and Clover Creek Diversion RB	Overall Unit Rating	Total Unit Miles							
NA0009	M	1.53							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.08		0.08	5.23%					
Trim / Thin Trees	0.13		0.13	8.50%					
Encroachments					0.05				
<i>Unit Totals:</i>	0.21	0.00	0.21	13.73%	0.05	0.00	0.00	0.00	

Unit No. 05 Clover Creek and Clover Creek Diversion LB	Overall Unit Rating	Total Unit Miles							
NA0009	A	1.04							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.01		0.01	0.96%					
<i>Unit Totals:</i>	0.01	0.00	0.01	0.96%	0.00	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 01 Middle Creek			Left	3.42
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/08/2013 - 05/08/2013		11/06/2013 - 11/06/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tom Smythe Lake County		Tom Smythe Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek				Left	3.42	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS A Ma		° °	° °	1
DWR ID: DWR_NA0009_01_s_2013_1									
2			Earthen Levee	Emergency Supplies & Equipment	LS A Ma		° °	° °	9
DWR ID: DWR_NA0009_01_s_2013_9									
3			Earthen Levee	Flood Preparedness & Training	LS A Ma		° °	° °	10
DWR ID: DWR_NA0009_01_s_2013_10									
4	0.12	0.12	Earthen Levee	Encroachments	LS M En	FE : Fence	39.188877 ° -122.907581 °	39.188877 ° -122.907581 °	12 Y
DWR ID: DWR_NA0009_01_s_2013_12									
5	0.25	0.25	Earthen Levee	Trim / Thin Trees	LS M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	39.186777 ° -122.908102 °	39.186777 ° -122.908102 °	11 Y
DWR ID: DWR_NA0009_01_s_2013_11									
6	1.72	1.72	Earthen Levee	Vegetation	LS A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.167586 ° -122.915537 °	39.167586 ° -122.915537 °	37 Y
DWR ID: DWR_NA0009_01_f_2013_37									
7	2.29	2.29	Earthen Levee	Slope Stability	WS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.160285 ° -122.913481 °	39.160285 ° -122.913481 °	13 Y
DWR ID: DWR_NA0009_01_s_2013_13									
8	2.37	2.37	Earthen Levee	Slope Stability	WS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.161153 ° -122.912740 °	39.161153 ° -122.912740 °	14 Y
DWR ID: DWR_NA0009_01_s_2013_14									
9	2.37	2.41	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	39.161381 ° -122.912551 °	39.161708 ° -122.912168 °	15 Y
DWR ID: DWR_NA0009_01_s_2013_15									
10	2.40	2.40	Earthen Levee	Encroachments	LS M En	BU : Building	39.160217 ° -122.912957 °	39.161692 ° -122.911748 °	7 Y
DWR ID: DWR_NA0009_01_s_2012_7									
11	2.40	2.40	Earthen Levee	Slope Stability	WS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.161601 ° -122.912303 °	39.161601 ° -122.912303 °	16 Y
DWR ID: DWR_NA0009_01_s_2013_16									
12	2.42	2.42	Earthen Levee	Slope Stability	LS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.161802 ° -122.912020 °	39.161802 ° -122.912020 °	17 Y
DWR ID: DWR_NA0009_01_s_2013_17									
13	2.48	2.55	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.161615 ° -122.911733 °	39.160795 ° -122.912442 °	3 Y
DWR ID: DWR_NA0009_01_s_2012_3									
14	2.58	2.61	Earthen Levee	Encroachments	LS M En	FE : Fence	39.160398 ° -122.912837 °	39.159952 ° -122.913220 °	4 Y
DWR ID: DWR_NA0009_01_s_2012_4									

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek						Left	3.42	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	2.62	2.67	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	39.159657 ° -122.913345 °	39.159657 ° -122.913345 °	5
DWR ID: DWR_NA0009_01_s_2012_5										
16	2.68	2.73	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.159117 ° -122.913442 °	39.158408 ° -122.913557 °	6
DWR ID: DWR_NA0009_01_s_2012_6										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.42	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the unauthorized encroachment fence along landside slope.	
rduffey_f_20130919_869.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Remove the trees from the landside slope.	
rduffey_f_20130919_868.JPG	



Levee Mile Report Line	6
Start Levee Mile	1.72
End Levee Mile	1.72
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the mowed slopes.	
rduffey_f_20131118_157.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.42	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	7
Start Levee Mile	2.29
End Levee Mile	2.29
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the waterside slope.

rduffey_f_20130919_870.JPG



Levee Mile Report Line	8
Start Levee Mile	2.37
End Levee Mile	2.37
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the waterside slope.

rduffey_f_20130919_871.JPG



Levee Mile Report Line	9
Start Levee Mile	2.37
End Levee Mile	2.41
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trim the trees up 5 feet to allow visibility.

rduffey_f_20130919_872.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.42	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	2.40
End Levee Mile	2.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a building & fence along the toe of the levee.

rduffey_f_20130919_867.JPG



Levee Mile Report Line	11
Start Levee Mile	2.40
End Levee Mile	2.40
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion along the waterside slope.

rduffey_f_20130919_873.JPG



Levee Mile Report Line	12
Start Levee Mile	2.42
End Levee Mile	2.42
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of vehicle erosion along landside slope.

rduffey_f_20130919_874.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.42	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	13
Start Levee Mile	2.48
End Levee Mile	2.55
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the vegetation along the landside slope.

rduffey_f_20131118_156.JPG



Levee Mile Report Line	14
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fences at the L/S toe.

rduffey_f_20130919_866.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 02 Middle Creek			Right	3.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/08/2013 - 05/08/2013		11/06/2013 - 11/06/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tom Smythe Lake County		Tom Smythe Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek				Right	3.13	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.13	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.189540 ° -122.908065 °	39.187900 ° -122.908655 °	4 Y
DWR ID: DWR_NA0009_02_s_2013_4										
2	0.14	0.21	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.187640 ° -122.908671 °	39.186976 ° -122.909034 °	6 Y
DWR ID: DWR_NA0009_02_s_2013_6										
3	0.20	0.20	Earthen Levee	Encroachments	LS	U En	BU : Building	39.187039 ° -122.908880 °	39.187039 ° -122.908880 °	1 Y
DWR ID: DWR_NA0009_02_s_2012_1										
4	0.24	0.29	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	39.186739 ° -122.909436 °	39.186038 ° -122.909948 °	9 Y
DWR ID: DWR_NA0009_02_s_2013_9										
5	0.39	0.39	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	39.185160 ° -122.911138 °	39.185160 ° -122.911138 °	8 Y
DWR ID: DWR_NA0009_02_s_2012_8										
6	1.03	1.04	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.177218 ° -122.913673 °	39.176992 ° -122.913642 °	7 Y
DWR ID: DWR_NA0009_02_s_2012_7										
7	1.05	1.05	Earthen Levee	Encroachments	LS	M En	BU : Building	39.176875 ° -122.913685 °	39.176875 ° -122.913685 °	5 Y
DWR ID: DWR_NA0009_02_s_2012_5										
8	1.06	1.06	Earthen Levee	Encroachments	LS	M Ma	TR : Tree or limb	39.176835 ° -122.913558 °	39.176835 ° -122.913558 °	3 Y
DWR ID: DWR_NA0009_02_s_2012_3										
9	1.06	1.06	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.176815 ° -122.913540 °	39.176815 ° -122.913540 °	2 Y
DWR ID: DWR_NA0009_02_s_2012_2										
10	1.15	1.18	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.175460 ° -122.913400 °	39.175075 ° -122.913392 °	10 Y
DWR ID: DWR_NA0009_02_s_2013_10										
11	1.80	1.80	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.166741 ° -122.916634 °	39.166741 ° -122.916634 °	33 Y
DWR ID: DWR_NA0009_02_f_2013_33										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	3.13	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.13
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trim the trees up 5 feet to allow visibility.

rduffey_f_20130919_899.JPG



Levee Mile Report Line	3
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the vegetation and building next to the landside toe of levee.

rduffey_f_20130919_896.jpg



Levee Mile Report Line	4
Start Levee Mile	0.24
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trim the trees up 5 feet to allow visibility.

rduffey_f_20130919_903.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	3.13	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	5
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of erosion along slope of the levee by both sides of the headwall.

rduffey_f_20130919_902.jpg



Levee Mile Report Line	7
Start Levee Mile	1.05
End Levee Mile	1.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of building & vegetation along the levee toe.

rduffey_f_20130919_900.JPG



Levee Mile Report Line	8
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the tree prunings on the W/S toe.

rduffey_f_20130919_898.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	3.13	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	9
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building & fence along the L/S toe.

rduffey_f_20130919_897.jpg



Levee Mile Report Line	10
Start Levee Mile	1.15
End Levee Mile	1.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the unauthorized fence along the landside toe.

rduffey_f_20130919_904.JPG



Levee Mile Report Line	11
Start Levee Mile	1.80
End Levee Mile	1.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the mowed slope.

rduffey_f_20131118_158.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 03 Scotts Creek			Left	1.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/08/2013 - 05/08/2013		11/06/2013 - 11/06/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tom Smythe Lake County		Tom Smythe Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek				Left	1.35	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.92	0.92	Earthen Levee	Vegetation	LS	A	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.159759 ° -122.921151 °	39.159759 ° -122.921151 °	2 Y
DWR ID: DWR_NA0009_03_s_2013_2										
2	0.97	0.97	Earthen Levee	Encroachments	WS	M	TA : Tank	39.160108 ° -122.922110 °	39.160108 ° -122.922110 °	1 Y
DWR ID: DWR_NA0009_03_s_2012_1										
3	1.06	1.12	Earthen Levee	Vegetation	LS	A	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.159772 ° -122.923540 °	39.159605 ° -122.924610 °	4 Y
DWR ID: DWR_NA0009_03_s_2012_4										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.35	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.92
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the removed vegetation from both slopes.

rduffey_f_20131118_153.JPG



Levee Mile Report Line	2
Start Levee Mile	0.97
End Levee Mile	0.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a tank that needs to be removed from the W/S slope.

rduffey_f_20130919_933.jpg



Levee Mile Report Line	3
Start Levee Mile	1.06
End Levee Mile	1.12
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the vegetation removed from the landside slope.

rduffey_f_20131118_154.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 04 Poge, Alley and Clover Creek Diversion			Right	1.53
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	05/08/2013 - 05/08/2013		11/06/2013 - 11/06/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tom Smythe Lake County		Tom Smythe Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Poge, Alley and Clover Creek Diversion						Right	1.53	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.79	0.79	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.177730 ° °	122.898700 ° °	1 Y
DWR ID: DWR_NA0009_04_s_2013_1										
2	0.82	0.87	Earthen Levee	Encroachments	LS	M En	FE : Fence	° °	° °	3
DWR ID: DWR_NA0009_04_s_2012_3										
3	1.05	1.18	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.180479 ° -122.896567 °	39.181947 ° -122.895112 °	2 Y
DWR ID: DWR_NA0009_04_s_2012_2										
4	1.19	1.26	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.182154 ° -122.895005 °	39.182951 ° -122.894409 °	9
DWR ID: DWR_NA0009_04_s_2012_9										
5	1.43	1.46	Earthen Levee	Trim / Thin Trees	LS	A Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	39.185165 ° -122.893400 °	39.185629 ° -122.893344 °	4 Y
DWR ID: DWR_NA0009_04_s_2013_4										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Poge, Alley and Clover Creek Diversion	Right	1.53	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.79
End Levee Mile	0.79
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of tall native grasses on both slopes.

rduffey_f_20130919_958.JPG



Levee Mile Report Line	3
Start Levee Mile	1.05
End Levee Mile	1.18
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Remove the trees and vegetation from the toe of the levee.

rduffey_f_20130919_959.jpg



Levee Mile Report Line	5
Start Levee Mile	1.43
End Levee Mile	1.46
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the removed oleanders along the landside slope.

rduffey_f_20131118_151.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 05 Clover Creek and Clover Creek Diversion			Left	1.04
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/08/2013 - 05/08/2013		11/06/2013 - 11/06/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tom Smythe Lake County		Tom Smythe Lake County	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.04	11/06/2013 11/06/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.30	0.30	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.176957 ° -122.898673 °	39.176957 ° -122.898673 °	3 Y
DWR ID: DWR_NA0009_05_s_ 2012_3										
2	0.70	0.70	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.175725 ° -122.905644 °	39.175725 ° -122.905644 °	12 Y
DWR ID: DWR_NA0009_05_f_ 2013_12										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.04	11/06/2013 11/06/2013	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	0.70
End Levee Mile	0.70
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the mowed slopes.

rduffey_f_20131118_155.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---